



ELBA

PORTABLE AIR-CONDITIONER

MODEL: EWS-9001C

Owner's Manual

Please read this manual carefully before operating your set.

Retain it for future reference.

Record model number and serial number of the set.

See the label attached on the set and quote this information to your dealer when you require service.

For The Warranty Terms & Conditions, Please Refer To Warranty Certificate

REMOVE ALL PACKING MATERIALS FROM THIS PRODUCT BEFORE USING IT. THIS APPLIANCE MUST BE INSTALLED ON A FLAT SURFACE. PLEASE ENSURE THE ELECTRICITY SUPPLY TO THIS APPLIANCE IS DISCONNECTED BEFORE INSTALLING.

Please read this instruction carefully. It is advisable to keep this instruction manual in a safe place for future reference.

SAFETY PRECAUTIONS

1. Keep this appliance out of reach from children. Do not let them to operate the appliance without supervision.
2. Check the current rating on the rating plate and make sure the current supplied is matched with the appliance before using.
3. This product is for household and indoor use only.
4. This product is not intended for use by person (including children) with reduced physical, sensory or mental capabilities unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
5. If the power cord or plug is damaged, it must be replaced by the service centre or a qualified service technician to avoid hazard.
6. This product should not be placed near possible heating resources or under direct sunlight to avoid decreasing the efficiency of cooling.
7. Always turn off and unplug the appliance before moving, cleaning or when it is not in used. Do not leave the appliance to operate unattended.

WARNING – To reduce the risk of fire or injury to person or property, please read and follow below instruction carefully:

- Do not operate this appliance if it has malfunctioned, damaged or appears damaged in any way. Make enquiry to our service centre and return the complete set to the place of purchase for inspection, repair or replacement.
- Do not insert your finger or any object into the wind inlet or outlet.
- Do not attempt to carry out repair on the appliance by yourself. Seek for a qualified service technician or send to the authorised service centre for repair.
- Place the appliance on flat ground and install it vertically, so as to ensure normal operation of the compressor.
- The appliance should be at least 50cm away from surrounding objects. Make sure air inlet and outlet are not blocked.
- Do not use the appliance near gasoline or any other flammable liquids.
- Do not use spraying agent or flammable substances near the appliance; otherwise its plastic may deform and electrical parts may be damaged.

PRODUCT DESCRIPTION

1. Control Panel
2. Horizontal Louver
3. Vertical Louver
4. Handle
5. Air-inlet Grille
6. Castors
7. Exhaust Pipe
8. Water Filling Port
9. Power Cord Hook
10. Air Filter
11. Air Outlet Grille
12. Connector of Drainage
13. Inner Tank Water Level Indicator
14. Power Cord and Plug

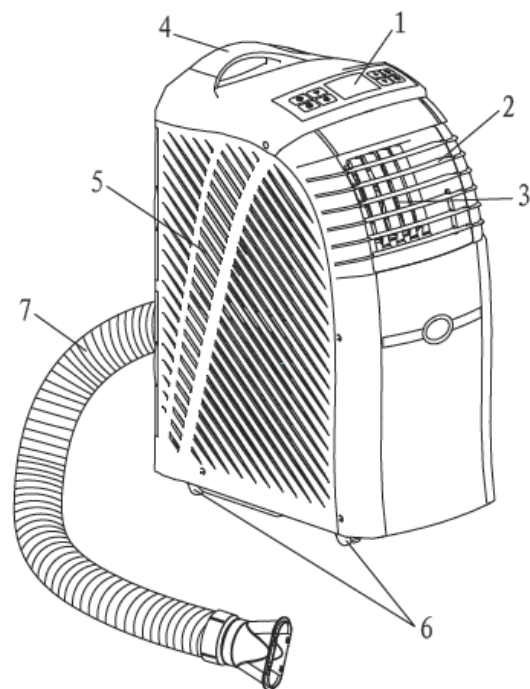


Fig 1

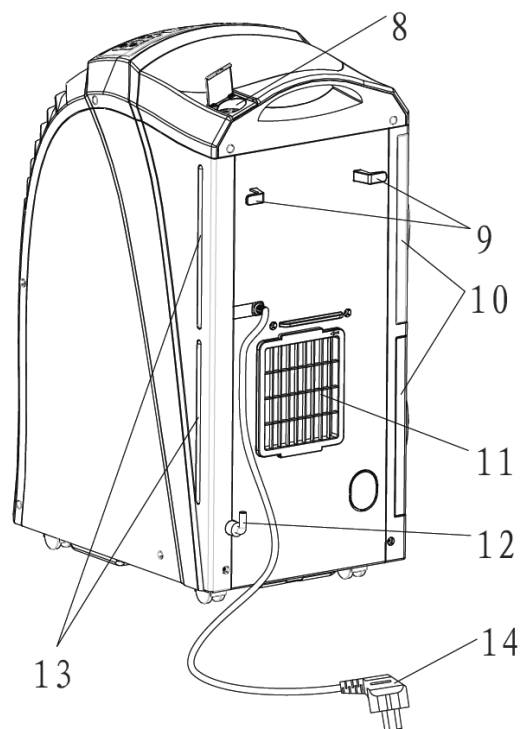
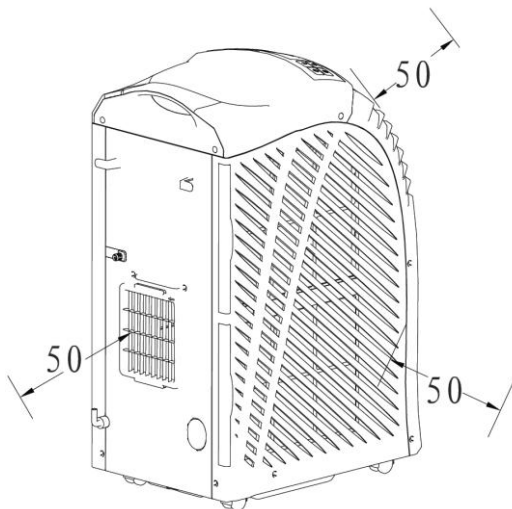


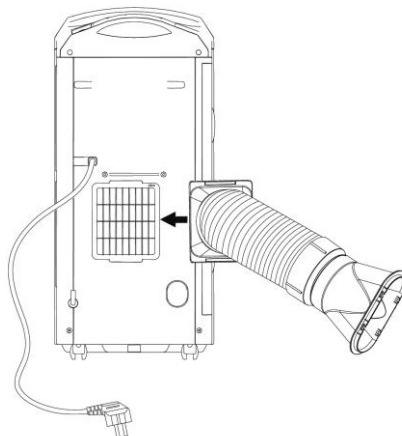
Fig 2

INSTALLATION

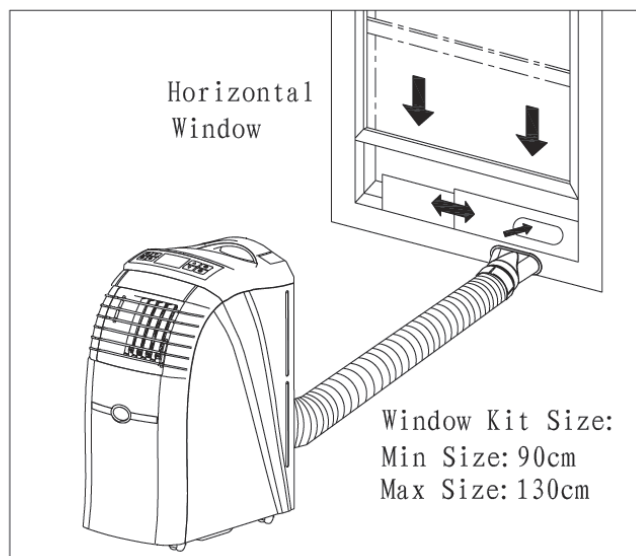
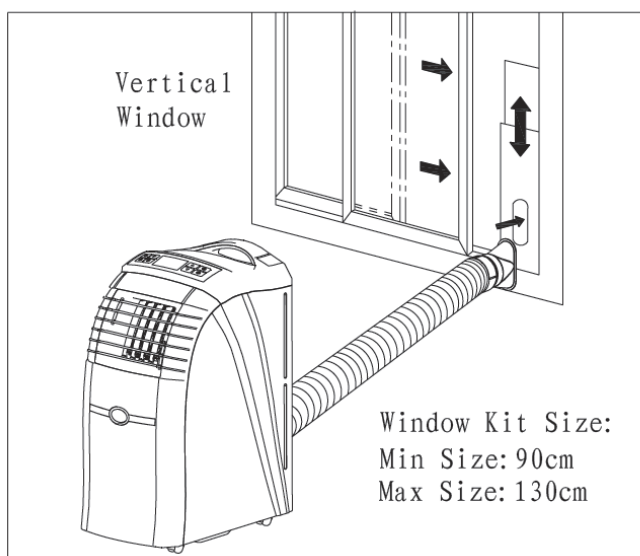
- Place it on a flat and even place, and keep it at least 50cm away from its surrounding object.



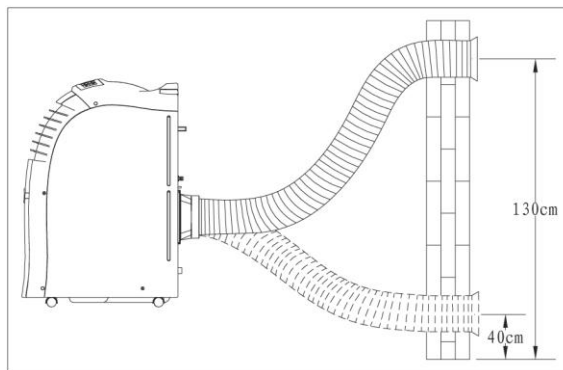
- Fix the square end of the exhaust duct to the air outlet behind the panel.



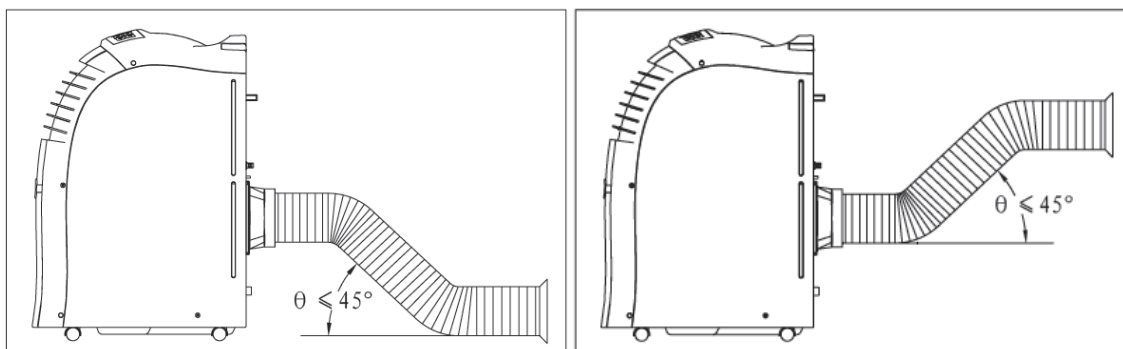
- Insert the exhaust duct assembly into the window sealing plate; adjust opening width of window so that the window can match with the sealing plate properly. The length of the sealing plate is adjustable.



MOUNTING IN THE WALL

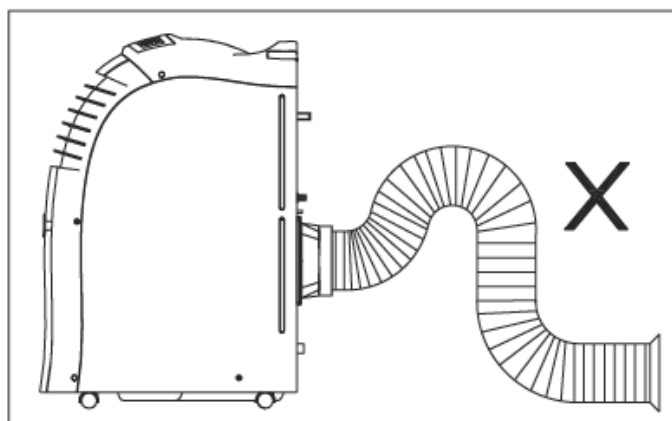


CORRECT BENDING



INCORRECT INSTALLATION

- It's important to keep the exhaust duct smooth. Incorrect installation will affect the efficiency of the appliance.
- Prevent the exhaust duct from seriously bending.
- Ensure air can flow smoothly in the duct.



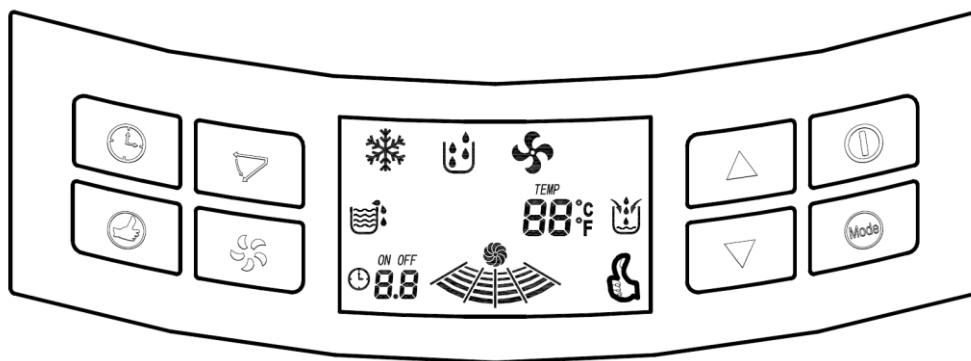
WARNING:

The exhaust duct is designed especially for this model. Don't replace or lengthen it; otherwise, it will result in operating failure.

NOTICE:

Maximum length of the exhaust duct is 1,500mm. It is better to shorten it while using and keep it horizontal after installation.

OPERATION PROCEDURE AND MODULATON



1. **ON/OFF**

Press the key to turn ON/OFF the appliance.

2. **MODE**

Press this key to select cool, dry or fan mode.

3. **UP/DOWN**

Press this key to set temperature or adjust the time in Timer Mode. Press both button simultaneously to switch between Celsius and Fahrenheit.

4. **SWING**

Press this key to make the vertical louver swing automatically. Press once again to stop the swing.

5. **SPEED**

Press the key to select High, Medium or Low fan speed.

6. **TIMER**

Timer ON/OFF Indicator.

7. **ECONOMY**

Press this button to select energy saving mode (only in cool). The set temperature is 27°C in cool mode. The fan speed is low. All functions are set automatically and cannot be set.

LCD DISPLAY



: Cool Mode Indicator



: Dry Mode Indicator



: Fan Speed Indicator



: Water Full Indicator



: In Cooling Mode it displays the set temperature. In Dehumidifying or Fan mode, it displays room temperature.

When it shows E2: The room temperature sensor is faulty.

When it shows E3: The evaporator sensor is faulty.

When it shows df : The appliance is defrosting automatically.



: Water Filling Indicator



: Timer indicator to turn on or turn off the appliance.
















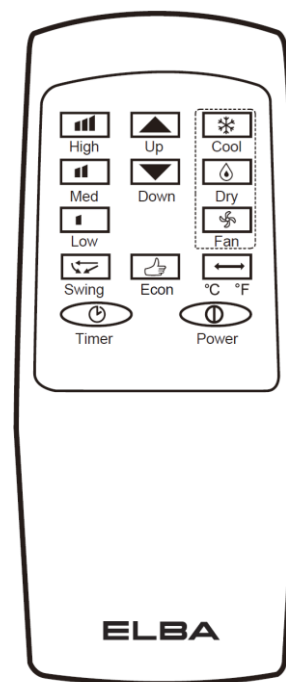
: Swing Indicator



: Energy Saving Indicator (only in Cooling Mode)

REMOTE CONTROL

-  Power : To turn ON/OFF the unit.
-  Timer : To set the ON/OFF timer.
-  Swing : To swing/stop the louver.
-  °C °F : To display Celsius (°C) or Fahrenheit (°F).
-  Cooling : To select Cooling Mode.
-  Dry : To select Dry Mode.
-  Fan : To select Fan Only Mode.
-  Up : To set temperature up / Timer.
-  Down : To set temperature down / Timer.
-  High : To set fan speed to High.
-  Medium : To set fan speed to Medium.
-  Low : To set fan speed to Low.
-  Economy : To set energy saving mode (only in cool). The set temperature is 27°C in cool mode. The fan speed is low. All functions are set automatically and cannot be set.



OPERATING METHOD

Cooling mode

- When the cooling mode is selected after power ON, the cooling mode indicator lights up.
- Press Up/Down key to adjust setting temperature (18°C to 30°C).
- Press Speed key to choose High, Medium or Low fan speed.

Fan mode

- When the fan mode is selected, the wind mode indicator lights up.
- Press Speed key to choose High, Medium or Low fan speed.
- In this mode the temperature cannot be set.

Note: The air outlet duct is not necessary in this mode.

Dry (Dehumidification) mode

- When the dehumidification mode is selected, the dehumidification indicator lights up.
- Press Swing button to adjust the direction of vertical louver.
- Once entering the dehumidification mode, if room temperature $\geq 15^{\circ}\text{C}$ (59°F), the compressor will turn ON. If room temperature $\leq 13^{\circ}\text{C}$ (55°F), the compressor will turn OFF. When temperature increases to room temperature $\geq 15^{\circ}$, the compressor will operate again (in order to protect the compressor, it will be restarted 3 minutes later).
- In dehumidification mode, the fan is defaulted to run at low speed, and wind speed cannot be adjusted.
- Temperature cannot be set.

Note: The air outlet duct is not necessary in this mode.

Economy Mode

- When the Economy mode is selected, the Economy indicator lights up.
- The set temperature is 27°C in cool mode. The fan speed is low. This is for energy saving purpose.
- All functions are automatically set and cannot be changed.

Note: Economy mode is only available when the Cooling Mode is selected.

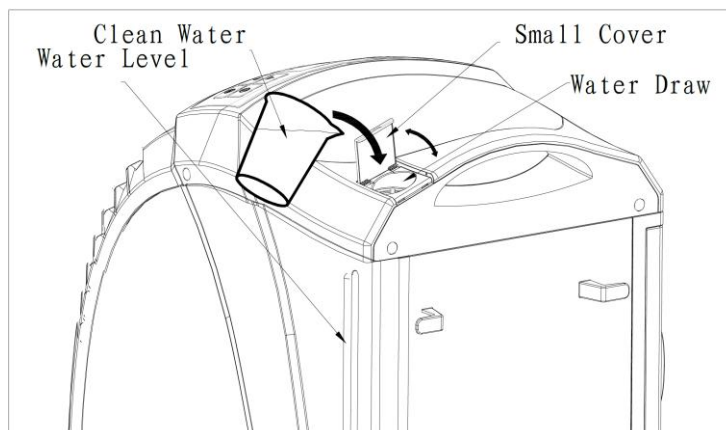
Timer mode

- In standby mode, press the timer key to set ON timer. The time icon will show “- -” and flash five times. During this period, press Up or Down button to adjust set time from 0.5h to 24h. It will vary 0.5h each time in first 3h and 1h each time hereafter. The set time will flash 5 times after adjusting. Once the set time end, the unit will turn on automatically.
- In operating mode, press the timer key to set OFF timer. Press Up and Down keys to set OFF timer (0~24H). It is same as the set ON timer.

WATER FILLING METHOD

The condensing water from the appliance is recycled to improve efficiency through cooling condenser. At the same time it could lower the noise and save energy.

When the condensing water is not enough for pumping, the water filling indicator will illuminate. You may add water to the water tank as shown below.



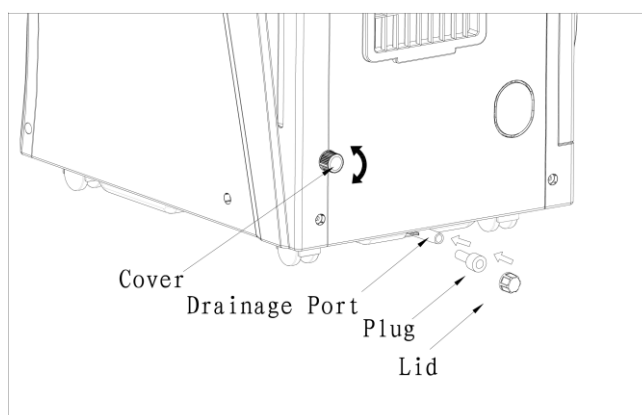
Note: Filling water into the water tank helps to reduce the heat of the compressor. It is advisable to maintain the water level to protect the compressor from overheating. However, adding water is not necessary to let the appliance to work.

DRAINAGE METHOD

This appliance is equipped with automatic water vaporization system. The condenser is cooled with the circulating of condensing water to improve cooling efficiency and energy saving.

When the water is full, the water full indicator will lights and the compressor will stop working. The buzzer will buzz 10 times every 5 minutes until the water is below the high level or drained by hand. When the alarm stops and after three minutes restart delay, the unit will continue to work normally.

Before you empty the unit, please switch off the appliance and remove the plug from the power supply. Uncap the lid and remove the rubber plug on the drainage port to let the water drain out from the unit. Once drained, put the rubber plug back and screw the lid up and switch it on. Please wait three minutes restart delay before the compressor starts to work normally.



CLEANING AND MAINTENANCE

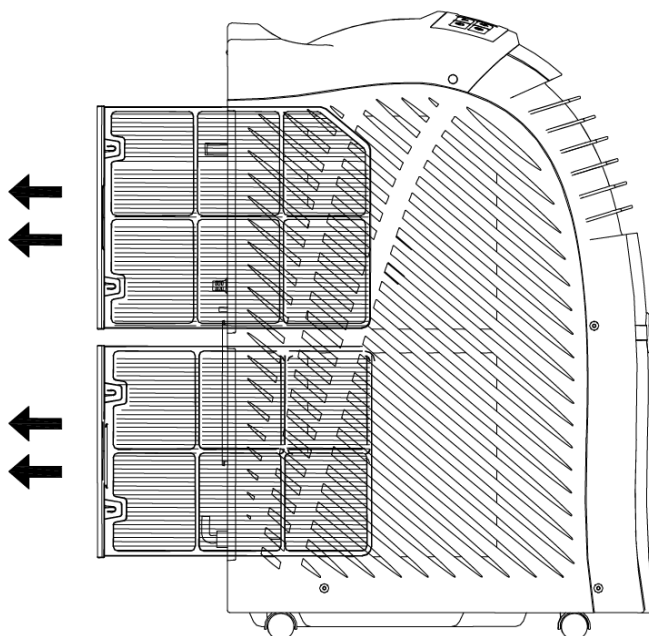
Notice: In order to avoid electric shock, please turn off the appliance and unplug before maintenance or repair.

EXTERNAL CLEANING

- Always switch off and unplug before cleaning.
- Clean the appliance with a damp cloth with mild cleaner. Do not use chemical, steel, wooden or abrasive cleaners to clean the appliance.
- After cleaning, wipe the appliance until it is completely dry.
- Prevent water from spattering in the appliance during cleaning.

AIR FILTER SCREEN

- Wash the filter screen once every two weeks. If it is blocked by dust, efficiency of the appliance will be reduced.
- Pull out the air filter screen at both sides according to the direction shown in the following figures.



- Immerse the air filter screen into lukewarm water (about 40°C) added with neutral detergent. Rinse the air filter and dry it completely under a shady place.
- Push the air filter screen back into its original position after cleaning.

SEASONAL CLEANING

If the appliance will not be used for a long time:

- Pull out the rubber plug to drain off the remaining water.
- Operate the appliance in wind mode for 2 hours until the inside is dry.
- Turn off the appliance and unplug from electrical mains.
- Wash the filter screen and reassemble it.
- Dismantle the exhaust duct and keep it properly.
- Cover the appliance with a plastic bag and store it at a dry place.
- Remove the batteries from the remote control and keep it with the appliance.

INTELLIGENT ERROR DETECTION

Error-detecting code	Multi-functional defection
E2	Error of the room temperature sensor.
E3	Error of the evaporator sensor.
df	Anti-frosting protection: Temperature of the coil is too low and the appliance will be turned off. When temperature rises above 8°C, the protection is released and previous working state will be recovered.

TROUBLESHOOTING

In case of any of the following trouble, please contact service centre for assistance.

Trouble	Cause	Solution
The appliance doesn't operate	Plug not connected	Connect the plug to the electrical mains and switch on the power.
	The display panel displays "Water Full Indicator"	Restart the appliance after power off and draining, then it will become normal
The appliance starts frequently	Direct sunlight	Draw the curtain
	Doors and windows keep open; there are lots of heat sources in the room	Close doors and windows, remove heat source
	Filter screen is very dirty	Clean or replace it
	Air inlet or air outlet is blocked	Remove the blocking item
Loud noise of the appliance	The appliance is placed unevenly	Place it at even and firm ground, avoid shaking
The compressor doesn't work	Its delay protection is started	Wait for 3 minutes, unit will turn on after the time delay protection.

Notice: When there is any abnormal operating condition to the appliance, turn it off and unplug from electrical mains, contact service centre for maintenance.

MAIN SPECIFICATION

Model No	: EWS-9001C
Cooling Capacity	: 9,000 BTU/h
Thermostat Range	: 18°C to 30°C
Max Air Flow	: 425m ³ /h
Rated Voltage	: 220-240V
Rated Frequency	: 50Hz
Power Consumption	: 1050W
Refrigerant	: R410a / 420g

NOTICE

This product must not be disposed together with domestic waste. It has to be disposed at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help to save natural resources and make sure the product is disposed in an environmental friendly and healthy way.



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